

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027659**Date Inspected:** 22-May-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Pier 7 Job Site**CWI Name:** Andrew Keach**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing the informal welding report package #114, for conformance with the contract requirements. This work was in progress until the end of shift.

The QAI observed ABF personnel fitting and welding stiffener plates onto the OBG 12E corner assembly / bikepath cantilever beams for part of Contract Change Order (CCO) 233. The QAI noted that the Quality Control Inspector (QCI) Andrew Keach is monitoring the work and welding. The QAI noted that Kevin Kananen, ID 6521, is the welder performing the work. The QAI made random observations of the work and noted that stiffeners are being installed on the cantilevers at Panel Point (PP) 113 and 115. This work was not completed by the end of the shift.

The QAI observed ABF personnel performing work related to Request for Information (RFI) 2830R00. The QAI noted that the tower parapets on East and West tower heads are being modified to facilitate removal of the tower boom hinge bolt (pin). The QAI noted that at the end of the shift, the cope cuts had not fully been ground smooth.

Summary of Conversations:

The QAI relayed the status of the document reviews, RFI (tower parapet work) and CCO 233 status to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

WELDING INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
